

Hemlock Creek Lower Branch, Southeast of Hemlock Creek

River Mile: 0.10

Drainage Area: 0.7 miles²

OEPA

Taxa Code	Species	Qualitative <u>EPT Taxa</u>	Qualitative <u>Taxa</u>	Coldwater <u>Taxa</u>	Pollution <u>Tolerance</u>
3600	Oligochaeta		y		T
11120	Baetis flavistriga	y	y		F
11130	Baetis intercalaris	y	y		F
11200	Callibaetis sp	y	y		MT
17200	Caenis sp	y	y		F
21200	Calopteryx sp		y		F
22001	Coenagrionidae		y		T
22300	Argia sp		y		F
23905	Boyeria grafiana		y	y	MI
52200	Cheumatopsyche sp	y	y		F
52530	Hydropsyche depravata group	y	y		F
60900	Peltodytes sp		y		MT
67700	Paracymus sp		y		MT
72340	Dixella sp		y		F
72700	Anopheles sp		y		F
74100	Simulium sp		y		F
74650	Atrichopogon sp		y		F
77120	Ablabesmyia mallochi		y		F
78401	Natarsia species A (sensu Roback, 1978)		y		T
78655	Procladius (Holotanypus) sp		y		MT
79100	Thienemannimyia group		y		F
80350	Corynoneura sp		y		
80420	Cricotopus (C.) bicinctus		y		T
80510	Cricotopus (Isocladius) sylvestris group		y		T
82100	Thienemanniella sp		y		
82730	Chironomus (C.) decorus group		y		T
83040	Dicrotendipes neomodestus		y		F
84210	Paratendipes albimanus or P. duplicatus		y		F
84470	Polypedilum (P.) illinoense		y		T
84700	Stenochironomus sp		y		F
94201	Lymnaeidae		y		
		6	31	1	

Hemlock Creek Downstream of Oakwood Drive

River Mile: 2.50
Drainage Area: 0.8 miles²

OEPA

Taxa Code	Species	Number	
		HD	Qual
1320	Hydra sp	7	
1801	Turbellaria	29	+
3600	Oligochaeta	41	+
4664	Helobdella stagnalis	3	
6700	Crangonyx sp	3	+
11120	Baetis flavistriga	51	+
51600	Polycentropus sp	3	+
52001	Hydropsychidae	1	
52315	Diplectrona modesta		+
52530	Hydropsyche depravata group		+
71900	Tipula sp		+
74100	Simulium sp		+
77120	Ablabesmyia mallochi	5	
79100	Thienemannimyia group	145	+
79400	Zavrelimyia sp	15	+
80204	Brillia flavifrons group		+
80350	Corynoneura sp	1	
80420	Cricotopus (C.) bicinctus		+
80740	Eukiefferiella claripennis group		+
81650	Parametrioctenemus sp	23	+
82100	Thienemanniella sp	1	
82730	Chironomus (C.) decorus group	8	+
82770	Chironomus (C.) riparius group		+
82820	Cryptochironomus sp	5	+
83040	Dicrotendipes neomodestus	5	
83840	Microtendipes pedellus group	3	
84210	Paratendipes albimanus or P. duplicatus	5	+
84300	Phaenopsectra obediens group	3	
84315	Phaenopsectra flavipes	8	+
84460	Polypedilum (P.) fallax group	3	
84470	Polypedilum (P.) illinoense	3	+
85400	Micropsectra sp	13	
85500	Paratanytarsus sp	13	
85840	Tanytarsus sepp		+
89704	Limnophora aequifrons		+
95100	Physella sp	2	
98600	Sphaerium sp	3	

Number of Organisms	402
ICI Score	28
Number of Quantitative Taxa	27
Number of Qualitative Taxa	23
Number of Qualitative EPT Taxa	4
Total Number of Taxa	37

Hemlock Creek Downstream of Brecksville Road

River Mile: 1.15
 Drainage Area: 2.4 miles²

OEPA

Taxa Code	Species	Number	
		HD	Qual
1801	Turbellaria	6	+
3600	Oligochaeta		+
4960	Erpobdella sp (= Mooreobdella)		+
5800	Caecidotea sp	4	
6700	Crangonyx sp		+
11120	Baetis flavistriga		+
21200	Calopteryx sp		+
21300	Hetaerina sp	3	
50301	Chimarra aterrima		+
51001	Polycentropodidae	1	
52200	Cheumatopsyche sp	2	+
52450	Ceratopsyche sparna		+
52530	Hydropsyche depravata group		+
69400	Stenelmis sp	1	
71900	Tipula sp		+
74100	Simulium sp		+
77120	Ablabesmyia mallochii	26	
78450	Nilotanypus fimbriatus	4	
79100	Thienemannimyia group	95	+
79400	Zavrelimyia sp	17	
79720	Diamesa sp		+
80370	Corynoneura lobata	32	+
81231	Nanocladius (N.) crassicornus or N. (N.) "rectinervis"	9	
81650	Parametriochnemus sp	26	
82730	Chironomus (C.) decorus group		+
83040	Dicrotendipes neomodestus	104	
84210	Paratendipes albimanus or P. duplicatus	104	+
84300	Phaenopsectra obediens group	86	
84315	Phaenopsectra flavipes	112	
84460	Polypedilum (P.) fallax group	9	
84470	Polypedilum (P.) illinoense	26	+
84540	Polypedilum (Tripodura) scalaenum group	9	
85500	Paratanytarsus sp	78	
85821	Tanytarsus glabrescens group sp 7	95	
87540	Hemerodromia sp	1	
95100	Physella sp	1	
Number of Organisms		851	
ICI Score		26	
Number of Quantitative Taxa		24	
Number of Qualitative Taxa		18	
Number of Qualitative EPT Taxa		5	
Total Number of Taxa		36	

Hemlock Creek Upstream of Hemlock Road

River Mile: **0.15**
 Drainage Area: **3.3 miles²**

OEPA

Taxa Code	Species	Number	
		HD	Qual
1801	Turbellaria	21	+
3600	Oligochaeta	2	+
5800	Caecidotea sp	13	+
6700	Crangonyx sp	123	+
11120	Baetis flavistriga	234	+
11150	Labiobaetis propinquus		+
21200	Calopteryx sp		+
50301	Chimarra aterrima		+
51600	Polycentropus sp	6	+
52200	Cheumatopsyche sp		+
52450	Ceratopsyche sparna	2	+
52530	Hydropsyche depravata group		+
53800	Hydroptila sp		+
69400	Stenelmis sp	3	+
70600	Antocha sp	2	
72700	Anopheles sp		+
74100	Simulium sp	1	+
78450	Nilotanytus fimbriatus	3	
79100	Thienemannimyia group	100	+
80350	Corynoneura sp	32	
80420	Cricotopus (C.) bicinctus		+
81650	Parametricnemus sp	45	+
81825	Rheocricotopus (Psilocricotopus) robacki	6	
82100	Thienemanniella sp	12	
82820	Cryptochironomus sp		+
83040	Dicrotendipes neomodestus	3	
84210	Paratendipes albimanus or P. duplicatus	15	
84315	Phaenopsectra flavipes	6	
84460	Polypedilum (P.) fallax group	36	
84470	Polypedilum (P.) illinoense	33	+
84540	Polypedilum (Tripodura) scalaenum group	9	
85500	Paratanytarsus sp	3	
85625	Rheotanytarsus sp	6	
85821	Tanytarsus glabrescens group sp 7	18	

Number of Organisms	734
ICI Score	36
Number of Quantitative Taxa	25
Number of Qualitative Taxa	21
Number of Qualitative EPT Taxa	8
Total Number of Taxa	34